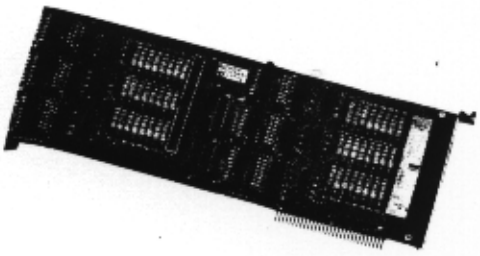
# AX5048I

## 48 Ch. Opto-isolated D/I Board



### Features

- IBM PC/XT/AT compatible
- 48 opto-isolated digital inputs
- 1000V fully isolation
- Two 50-pin male connector included
- DC/AC input signal selection

### General Description

The AX5048I provides 48 isolated digital inputs It plugs directly into any I/O slot of an IBM PC/XT/AT or compatible computers.

The 48 opto-isolated D/I channels are ideal for sensing digital inputs and provide 1000V of isolation.

You can configure each input channel indivdually by setting jumpers for either DC signal or AC signal input. Two on-board male ribbon connector.

### Specifications

**Isolated Input**

- **Opto-isolator:** PC814
- **Input Channels:** 48
- **Input Range:** 5 to +24VDC/AC
- **Isolation:**
  1000V channel-to-channel & channel-to-ground
- **Input Impedance:** 1.2KΩ/1W

**Interface Characteristic**

- **I/O Connector:**
  Two 50-pin male ribbon connector
- **Compatible Bus:**
  IBM PC/XT/AT and compatible I/O bus

**Power Requirements**

- **+5DCV** : 800mA max.

**Physical/Environmental**

- **Dimensions:** 304 x 90 mm
- **Weight:** 230 g
- **Operating Temperature:**
  0 to 60 °C
- **Storage Temperature:**
  -25 to 85°C
- **Relative Humidity:**
  0 to 90%, non-condensing

### Ordering Guides

- **AX5048I**
  **48 Ch. Opto-Isolated D/I Board, including user's manual**